Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Watershed Worksheets

Read the information presented and answer the following:

A. Background Information on Watersheds

How many gallons of water do Pennsylvanians use every day?

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

How many gallons of water are returned so Pennsylvanians can reuse the water again and again?

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Our state’s watershed plan was developed in the?

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Now that you have completed A close the tab, return to the wiki and complete B.

B. What is a Watershed?

Define Watershed - **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Now that you have completed B close the tab, return to the wiki and complete C.

C. Watershed Information About the Entire State of Pennsylvania

Rain falling on Pennsylvania reaches the sea at **\_\_\_** different locations several thousand miles apart.

One location is in the **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** Ocean via the

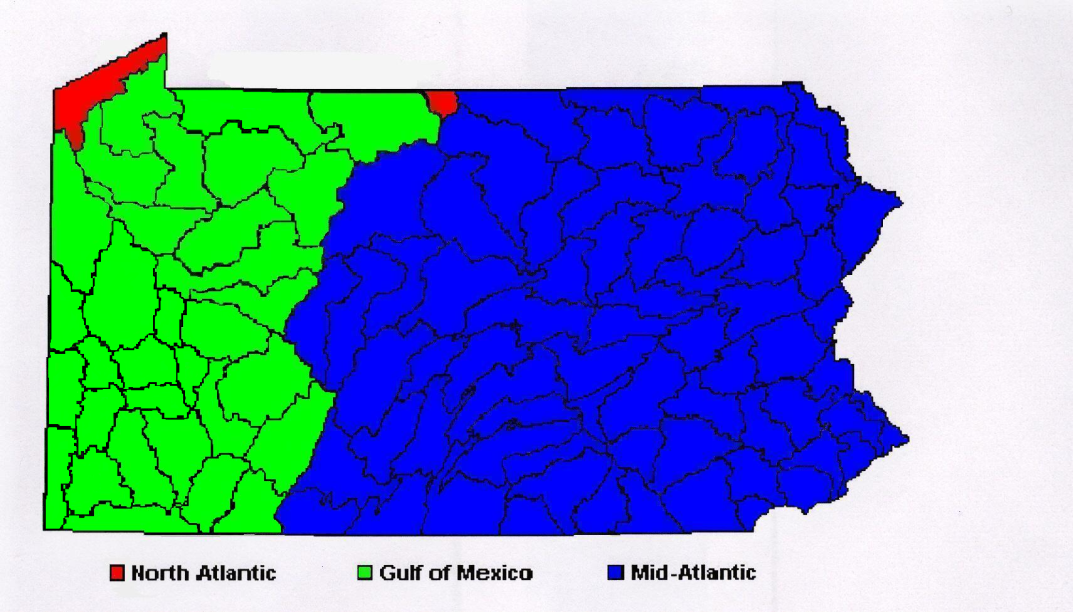
**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**River.

A second more obvious place our waters reach the sea is the **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

off the eastern coast.

The third place our waters reach the sea is the **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** at New Orleans.

At this highest level, Pennsylvania can be divided into 3 sections – lands that drain into the **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,** and the

 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

Look at the above map. What section are we in? **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Our land here in New Oxford drains into the **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

One of the special places in Pennsylvania is the rather non-descript no name hill that rises 2,520 feet in northern **\_\_\_\_\_\_\_\_\_\_\_\_\_** County.

This hill is special because it is the only place in Pennsylvania where **\_\_\_\_\_\_\_\_\_\_\_\_\_** running off the hill heads in **\_\_\_\_\_** directions to three very different destinations thousands of miles from one another.

Name the three destinations.

1. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
2. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
3. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Two of these three major can be further subdivided because of different routes to the sea. Water going to the North Atlantic goes either directly to Lake  or through New York State to Lake . Drainage to the Mid-Atlantic is via two important  – The  Bay and the  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** Bay.

The largest drainage basin in Pennsylvania is the **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** Basin, stretching nearly 450 miles from Cooperstown, **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** to Havre de Grace, **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, where it empties into the nation’s largest **\_\_\_\_\_\_\_\_\_**, the  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**.

South central Pennsylvania also includes several **\_\_\_\_\_\_\_\_\_\_\_\_\_**streams of the **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** which reaches the Chesapeake more than 100 miles south of Havre de Grace.

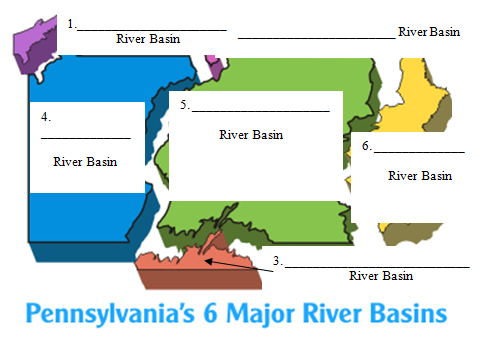
Two other small **\_\_\_\_\_\_\_\_\_\_\_\_\_\_** areas extend north of the Mason-Dixon Line. One is in southern Chester County and drains to the **\_\_\_\_\_\_\_** and **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** Rivers which reach the bay below Havre de Grace.

The second is in southern York County where a tiny part of the **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** Basin extends into Pennsylvania.

We are located in the **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** River Basin.

Continue to next page. After printing label each of the six basins.

\*\*These basins will be on the unit test.\*\*



Now that you have completed C close the tab, return to the wiki and complete D.

D. Your Local Watershed-the one we live in

First you must find”ADAMS” county on the map. Now look carefully,

the Northeast part of the county belongs to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

river basin and the Southwest part of the county belongs to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ river

basin watershed.

Click on the name ***LOWER SUSQUEHANNA RIVER ,*** on the map. You should see that in the

Northeast part of Adams County everything is in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CREEK watershed.

Click on the name of this creek and you will notice that the towns of New Oxford, Abbottstown

and Hanover are all part of this watershed.

Now go back to the top of the map and click on the word ***STATE.*** This time let’s click on the

name ***POTOMAC RIVER.*** You should see that in the Southwest part of Adams County

everything is in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CREEK watershed.

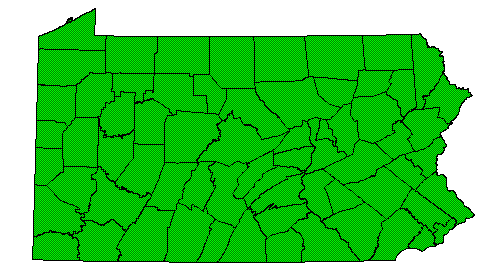
Click on the name of this creek and words notice that the towns of Gettysburg, and Littlestown

are part of this watershed.

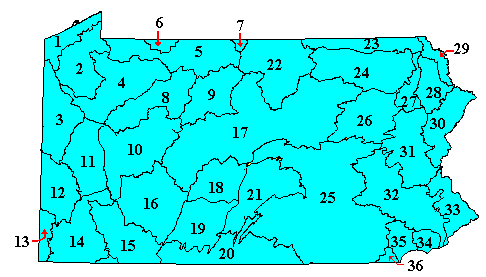
Based on what you just learned answer the following. The first activity will be done AFTER printing.

On the map below, **CIRCLE** the county that we live in here at New Oxford.

\*\*The above direction will be done **AFTER** printing.\*\*



Various watersheds of our state are numbered. On the map below locate the numbers for the areas below the map.



What number watershed is the town of New Oxford in, **\_\_\_\_\_\_\_**

What number watershed is the the town of Gettysburg in, **\_\_\_\_\_\_\_**

Get permission to print from Mr. Meszaros. **After printing, circle the county that we live in here at New Oxford (page 6) and label the basins (page 5).**

Graphics courtesy of

<http://www.dep.state.pa.us/dep/deputate/watermgt/WC/Subjects/WSNoteBks/SHEDHOME.HTM>

Information was modified on December 22, 2009 from the following site:

<http://www.dep.state.pa.us/dep/deputate/watermgt/WC/Subjects/WSNoteBks/SHEDHOME.HTM>

(What is a Watershed? link prior 2002)